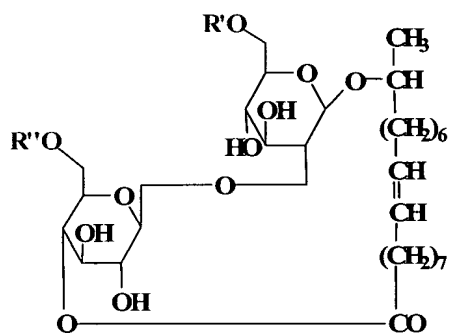
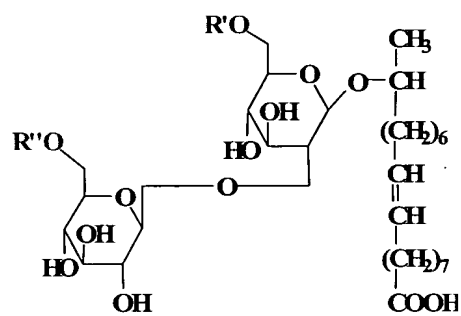


**Figure 1: Structures of sophorolipids produced by *Candida bombicola*.**



1.  $R' = R'' = \text{Ac or H}$
2.  $R' = \text{Ac}; R'' = \text{H}$
3.  $R' = \text{H}; R'' = \text{Ac}$
4.  $R' = R'' = \text{H}$

a. Lactonic sophorolipid



5.  $R' = R'' = \text{Ac or H}$
6.  $R' = \text{Ac}; R'' = \text{H}$
7.  $R' = \text{H}; R'' = \text{Ac}$
8.  $R' = R'' = \text{H}$

b. Open ring sophorolipid